

Abstract

Method for controlling the electrical battery power in a motor vehicle

The invention relates to a method for controlling the battery power which is supplied to or drawn from a battery (5) of a motor vehicle. In this case, a cost function is calculated which represents a measure of the additional fuel consumption in relation to the total electrical power generated by this additional consumption. The optimal battery power is then determined such that the cost function is minimized, i.e. the total electrical power is generated as efficiently as possible, corrections being made to the calculated optimal battery power in order to keep the battery within a predetermined state of charge range.